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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/021,563	10/22/2001	Mark H. Lucovsky	3080	9308

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EXAMINER

• CHOJNACKI, MELLISSA M

ART UNIT PAPER NUMBER

2175

DATE MAILED: 12/03/2003

5

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/021,563

Applicant(s)

LUCOVSKY ET AL.

Examiner

Melissa M Chojnacki

Art Unit

2175

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-5 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-5 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 13) ☒ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
- a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) ____
- 4) ☐ Interview Summary (PTO-413) Paper No(s) ____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DOV POPOVSKI
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

DETAILED ACTION

Specification

1. The arrangement of the disclosed application does not conform with 37 CFR 1.77(b).

Section headings are underlined and boldface throughout the disclosed specification.

Section headings should not be underlined and/or **boldfaced**. Appropriate corrections are required according to the guidelines provided below:

2. The following guidelines illustrate the preferred layout for the specification of a utility application. These guidelines are suggested for the applicant's use.

Arrangement of the Specification

As provided in 37 CFR 1.77(b), the specification of a utility application should include the following sections in order. Each of the lettered items should appear in upper case, without underlining or bold type, as a section heading. If no text follows the section heading, the phrase "Not Applicable" should follow the section heading:

- (a) TITLE OF THE INVENTION.
- (b) CROSS-REFERENCE TO RELATED APPLICATIONS.
- (c) STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT.
- (d) INCORPORATION-BY-REFERENCE OF MATERIAL SUBMITTED ON A COMPACT DISC (See 37 CFR 1.52(e)(5) and MPEP 608.05. Computer program listings (37 CFR 1.96(c)), "Sequence Listings" (37 CFR 1.821(c)), and tables having more than 50 pages of text are permitted to be submitted on compact discs.) or
REFERENCE TO A "MICROFICHE APPENDIX" (See MPEP § 608.05(a). "Microfiche Appendices" were accepted by the Office until March 1, 2001.)
- (e) BACKGROUND OF THE INVENTION.
 - (1) Field of the Invention.
 - (2) Description of Related Art including information disclosed under 37 CFR 1.97 and 1.98.
- (f) BRIEF SUMMARY OF THE INVENTION.

Art Unit: 2175

- (g) BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWING(S).
- (h) DETAILED DESCRIPTION OF THE INVENTION.
- (i) CLAIM OR CLAIMS (commencing on a separate sheet).
- (j) ABSTRACT OF THE DISCLOSURE (commencing on a separate sheet).
- (k) SEQUENCE LISTING (See MPEP § 2424 and 37 CFR 1.821-1.825. A "Sequence Listing" is required on paper if the application discloses a nucleotide or amino acid sequence as defined in 37 CFR 1.821(a) and if the required "Sequence Listing" is not submitted as an electronic document on compact disc).

3. The abstract contains more than 150 words. The abstract should contain 150 words or less. Appropriate corrections are required according to the guidelines provided below:

4. Applicant is reminded of the proper language and format for an abstract of the disclosure.

The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet within the range of 50 to 150 words. It is important that the abstract not exceed 150 words in length since the space provided for the abstract on the computer tape used by the printer is limited. The form and legal phraseology often used in patent claims, such as "means" and "said," should be avoided. The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.

The language should be clear and concise and should not repeat information given in the title. It should avoid using phrases which can be implied, such as, "The disclosure concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

5. The disclosure is objected to because of the following informalities:

In "Cross Reference to Related Applications" section of the application, applicant is requested to supply the missing data or delete the blank lines "The present application is related to United States Patent Application serial Number _____ entitled

Art Unit: 2175

Schema-Based Services for Identity-Based Data Access, filed concurrently herewith on October 22, 2001".

Claim Rejections - 35 USC § 103

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. Claims 1-5 are rejected under 35 U.S.C. 103(a) as being unpatentable over Paul (U.S. Patent No. 5,999,932), in view of Birrell et al. (U.S. Patent No. 6,185,551).

As to claims 1, Paul teaches in a computer network (See column 1, lines 6-10), a method comprising,

providing an inbox schema (See column 3, lines 54-67; column 4, lines 1-11, where "schema" is read on "fields". Also see column 5, lines 52-59), the Inbox schema having inbox-related fields arranged into a content document with defined structures for the fields (See column 3, lines 54-67; column 4, lines 1-11; column 5, lines 52-59); each set of data in the logical inbox document structured to correspond to a field in the content document (See column 3, lines 54-67; column 4, lines 1-11).

Paul does not teach receiving a data access request directed to contact information, the request including associated identity information; and

in response to the data access request, manipulating at least one set of data in a logical inbox document that includes data therein according to the associated identity information.

Birrell et al. teaches receiving a data access request directed to contact information (See column 5, lines 29-43), the request including associated identity information (See column 5, lines 29-43, where “password” is read on “identity information”; also see column 13, line 41, where “log-in window” is read on “identity information”; also see column 16, lines 40-43); and

in response to the data access request (See column 2, lines 3-6; column 5, lines 29-43), manipulating at least one set of data in a logical inbox document that includes data therein according to the associated identity information (See column 5, lines 29-43. It is inherent that in order to view inbox documents one must logon to an email account using a “username” and “password” as “identity information”).

Therefore, it would have been obvious to a person having ordinary skill in the art at the time of the invention was made to have modified Paul, to include receiving a data access request directed to contact information, the request including associated identity information; and in response to the data access request, manipulating at least one set of data in a logical inbox document that includes data therein according to the associated identity information.

It would have been obvious to a person having ordinary skill in the art at the time the invention was made to have modified Paul, by the teachings of Birrell et al., because receiving a data access request directed to contact information, the request including

Art Unit: 2175

associated identity information; and in response to the data access request, manipulating at least one set of data in a logical inbox document that includes data therein according to the associated identity information would help because adapting e-mail systems to organize such complex information, and providing efficient mean to coherently retrieve the information is not trivial (See Birrell et al. column 1, lines 27-30), but can be a security risk, especially pertaining to confidential e-mail messages, and therefore some type of security identity information would be needed.

As to claims 4, Paul teaches in a computer network (See column 1, lines 6-10), a method comprising,

constructing an inbox document including at least part of the data (See column 3, lines 54-67; column 4, lines 1-11), the document arranged according to a defined schema for inbox data (See column 3, lines 54-67; column 4, lines 1-11).

Paul does not teach receiving a request to retrieve inbox data, the request including associated identity information;

reading from a data store to obtain inbox data based on the associated identity information; and

returning the document in response to the request.

Birrell et al. teaches receiving a request to retrieve inbox data (See column 5, lines 29-43), the request including associated identity information (See column 5, lines 29-43, where "password" is read on "identity information"; also see column 13, line 41, where "log-in window" is read on "identity information"; also see column 16, lines 40-43);

reading from a data store to obtain inbox data based on the associated identity information (See column 5, lines 29-43. It is inherent that in order to view inbox documents one must logon to an email account using a username and password as "identity information"; also see column 14, lines 48-49"; also see column 16, lines 40-43); and

returning the document in response to the request (See column 14, lines 48-49; column 16, lines 3-14).

Therefore, it would have been obvious to a person having ordinary skill in the art at the time of the invention was made to have modified Paul, to include receiving a request to retrieve inbox data, the request including associated identity information; reading from a data store to obtain inbox data based on the associated identity information; and returning the document in response to the request.

It would have been obvious to a person having ordinary skill in the art at the time the invention was made to have modified Paul, by the teachings of Birrell et al., because receiving a request to retrieve inbox data, the request including associated identity information; reading from a data store to obtain inbox data based on the associated identity information; and returning the document in response to the request, would help because adapting e-mail systems to organize such complex information, and providing efficient mean to coherently retrieve the information is not trivial (See Birrell et al., column 1, lines 27-30), but can be a security risk, especially pertaining to confidential e-mail messages, and therefore some type of security identity information would be needed.

Art Unit: 2175

As to claim 2, Paul as modified, teaches wherein manipulating at least one set of data comprises reading data from at least one field in the logical Inbox document (See Birrell et al., column 9, lines 12-16. It is inherent that the "fields" (i.e. "to" etc.) are located on the "inbox document").

As to claim 3, Paul as modified, teaches wherein manipulating at least one set of data comprises writing data to at least one field in the logical inbox document (See Birrell et al., column 14, lines 63-67; column 15, lines 6-49).

As to claim 5, Paul as modified, teaches wherein the schema includes at least one defined field for extending the schema (See Birrell et al., column 14, lines 58-63; column 15, lines 27-31).

Conclusion

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

The following patents are cited to further show the state of the art with respect to the Schema-Based Services for Identity-Based Access to Inbox Data in general:

Art Unit: 2175

U.S. Patent No. 6,516,341 to Shaw et al., for disclosing electronic mail system with advertising.

U.S. Patent No. 6,556,995 to Child et al., for disclosing a method to provide global sign-on for ODBC-based database applications.

U.S. Patent No. 6,584,564 to Olkin et al., for disclosing secure e-mail system.

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mellissa M. Chojnacki whose telephone number is 730-305-8769. The examiner can normally be reached on 8:30am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dov Popovici can be reached on 703-305-3830. The fax phone number for the organization where this application or proceeding is assigned is 703-746-7239.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

mmc
26-November-2003


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SUPERVISORY PATENT EXAMINER
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